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Joint Information Operations Threat Working Group (JIOTWG)

Information Operations Capstone
Threat Capabilities Assessment

November 2003

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Agenda

- Issue
- JIOTWVG Purpose
- JIOTWVG Membership
- Progress to Date
- IO capstone Components
- How to Use the IO Capstone
- Where to Find the IO Capstone
- Program-tailored Assessments
- Future Steps



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Issue

Develop a self-sustaining process for timely and realistic IO Threat Capabilities Assessments for all acquisition programs, including MAIS, as well as OT&E

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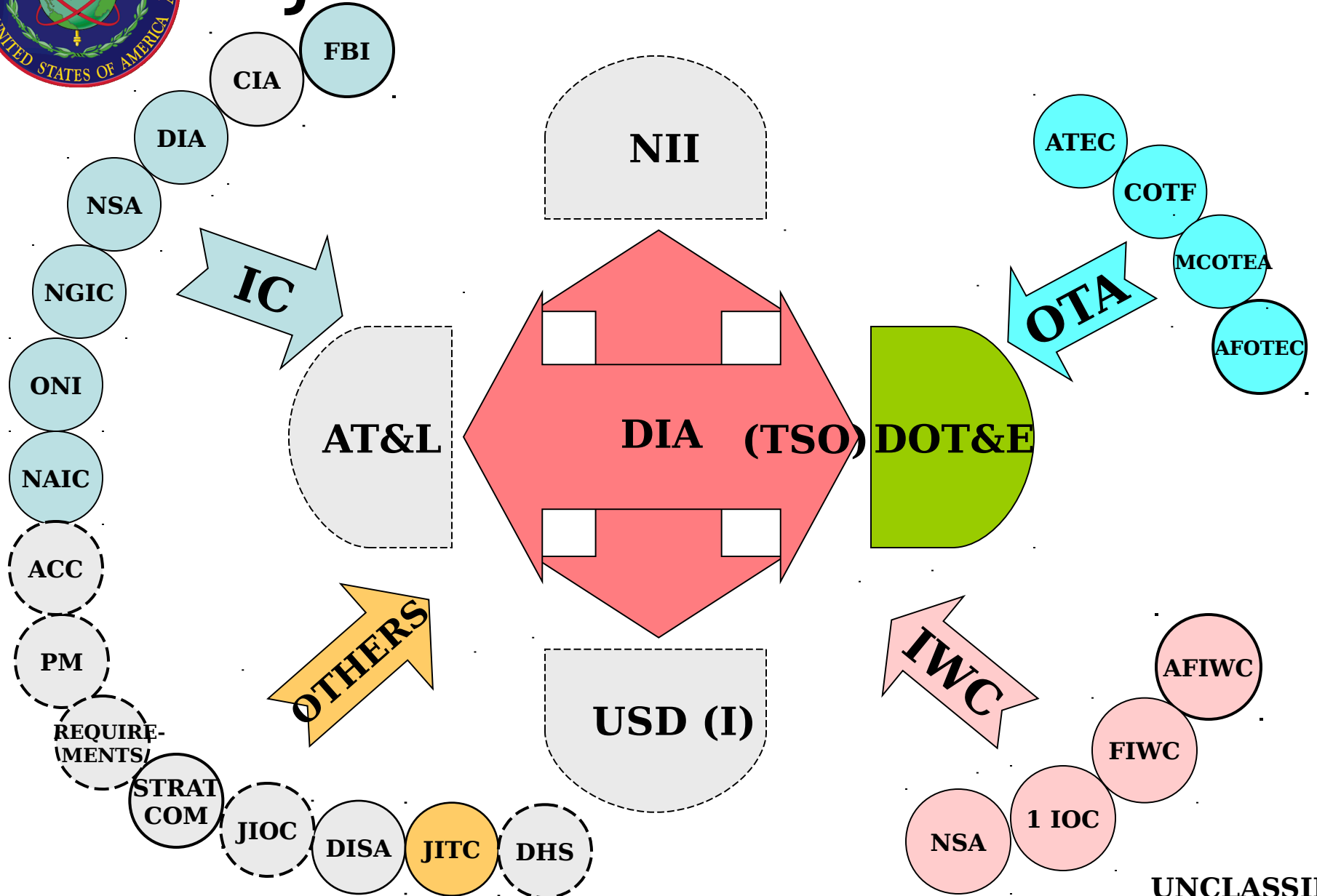


JIOTWG Purpose

- **Improve program threat documents via an IO Capstone Threat Capabilities Assessment**
- **Provide Programs, T&E Community, COCOMs, and Red Teams:**
 - Timely, realistic, adequate threat portrayal
 - Capabilities Based IO Threat
- **DoDI 5000.2 requirement for MAIS**
- **Support Congressional directive for more frequent and more realistic IA evaluations in OT&E and COCOM exercises**

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JIOTWG Structure



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Progress to Date

- **Detailed Production Requirements and Production Plan established**
 - Updates to the Capstone every 6 months
 - Fully developed Capstone scheduled for June 2005
- **IO Capstone Threat Capabilities Assessment (TCA), 1st Edition**
 - Validated by DIA in April 2003
 - SWA scenario threat environment described for initial assessment
 - Significant emphasis on capabilities-based analysis
 - On Intelink in August 2003
 - Hardcopies sent out in October 2003
 - Getting copies
- **Initiated OSD Information briefing**



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Customers' Needs

Better Insights For Strategic Decisionmaking

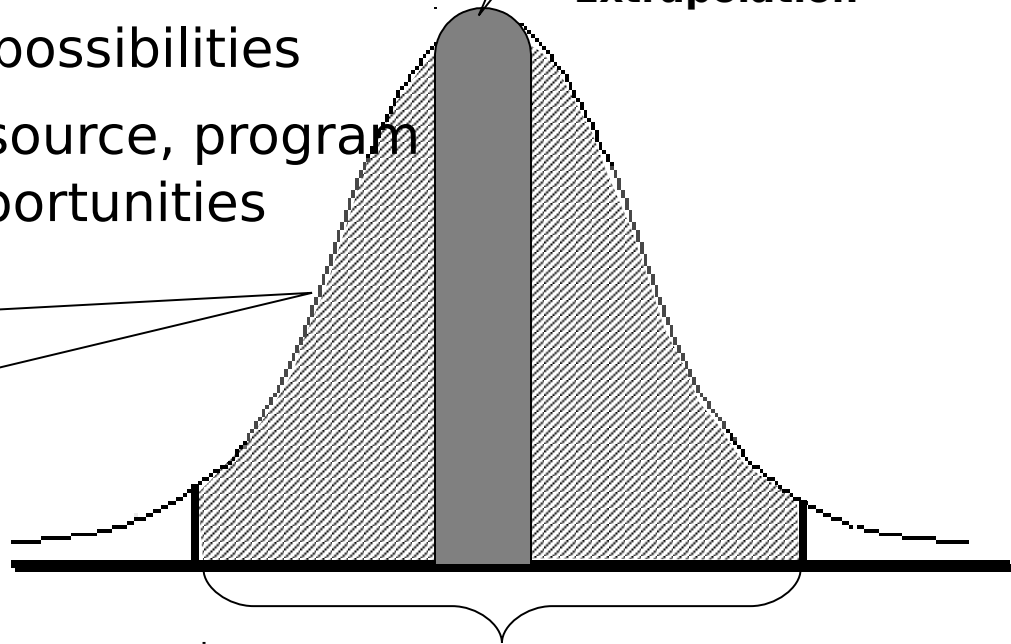
- 'Evidence-based' threat projections
- 'Capabilities-based' threat possibilities
- Help in examining risks, resource, program tradeoffs, and strategic opportunities

'Capabilities-Based' Threat Range

- 'State of the possible'
- Globally-focused
- How adversaries might cope

'Most Likely' Threat Range

- Evidenced-based
- Country-focused
- Trend Extrapolation



State of the Possible

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IO Capstone Components

- **Executive Summary**
- **Introduction**
- **Mission/Threat Area Description**
- **Operational Threat Environment**
 - Present, 5 years, 10 years
 - 7 potential adversaries
 - Joint Operations
 - 5 Individual Components of IO (EW, CNO, D&D, PSYOPs, and Physical Destruction)
 - Strategy and Doctrine
 - Targeting of DoD Networks
 - Organizations Related to CNO
 - CNO Capability Components



IO Capstone Components

- Projected Threat Capabilities (Present, 5 years, 10 years)
 - EW (EA and ES)
 - CNO (CNA and CNE)
 - When, Who, and What
 - D&D
 - PSYOPs
 - Physical Threats
- S&T Developments and Trends
 - Improved-version of Technologically Feasible Threat
 - Out to 20 years



How to Use the Capstones

- **Review Capstone(s) regularly for threats relevant to your system (5 components)**
 - IO is 1 of 8 published or proposed Capstones
 - Basis for evaluating program impact and protective measures
 - Remember - IO Capstone threats updated every 6 months
- **Data-intensive repository of threat information**
 - Technical details on adversary weapons and tools
- **Source material for ICDs, AoAs, CDDs, CPDs, tailored Adversary Capabilities Assessments (ACA), Test Threat Support Packages (TTSP)**
 - Advance notice on type of threats to be encountered in OT&E



Tailored Assessments

- **MAIS programs may want threat assessments tailored to them (ACA)**
 - Focus on threat analysis, threat significance, and program impact
- **3 Options:**
 - Draft own assessment based on Capstone
 - Provide to DIA/DWO-3 for tasking to the expert intelligence community office(s) for review and comment
 - Request appropriate Service Intelligence Center to write
 - Contact DIA/DWO-3 for IC writing
 - Tasked out to office(s) of expertise
 - Allow 6 months



Defense Intelligence Agency

Committed to Excellence in Defense of the Nation



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Intelligence Products
Information/Service
· Current Intelligence Analysis
· Defense Executive Intelligence Notes
· DIA/J2 EH
· JITF-CT Product
· J2 Current Analysis
· Joint Staff J2 Intelligence Update
· J2 Warning Concerns
· J2 NATO Posted Products
· I&W WATCHCON Chart



Intelligence Subjects

Full Listing by Directorate
Acquisition Support
· C4I/EW
· Collection Information
· Contingency/Operational Support
· Counterdrug
· Counterintelligence
· Combating Terrorism
· Counterproliferation/NBC Warfare
· Defense Economics
· Defense Industries
· Denial and Deception
· Domestic Intelligence Highlights
· Energy
· Foreign Exchanges and Disclosures Office
· Geospatial Intelligence

DIA Specific

Info.

DIA Internal Services
· **ISAOrganizations**
· DIA OAG Travel System
· DIA Directory
· DIA Phonebook
· Directions to DIA
· DIA Splash Page
· Administrative Info.
· Comments and Feedback
· Other DIA Services
· Intelink Help
· DIA Master Cont. Plan
· Education and Train..
· Property Accountability

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Acquisition Support Division

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Updated: Wednesday, 09-Jul-03 10:10:05

Mission Statement: *"Serve as the focal point for the development and production of threat assessments in support of the Defense Acquisition System for all major defense acquisition programs (MDAPs). Support the Joint Capabilities and Integration Development System (JCIDS) through early involvement in Functional Needs Analysis. Manage the Integrated Air Defense Systems (IADS) Special Production Program."*

PRODUCTS

DWO-3 Business Plan

Assessments

Key Briefings

Guidance

SECTIONS

Air Warfare

C4ISR-EW Warfare

Land Warfare

Missile Warfare

Naval Warfare

Space Warfare

SUPPORT

DWO-3 Directory

Two Year Planner

Upcoming Events

DOT&E T&E Oversight List

DPG

MDAP List

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Capstone Threat Capabilities Assessments

Threat Capabilities Assessment - (U) Information Operations (IO) Capstone - First Edition (Aug 2003) | PDF

Interim Space Capstone Threat Capabilities Assessment (U)

Acquisition Intelligence Reports

DRAFT - DI-1577-25-03, (U) Threats to the DoD Biometrics Enterprise System

DI-1577-1-02, (U) US Airborne Laser: Threats and Targets

DI-1577-21-03, (U) Threat to Medical Automated Information Systems: Composite Health Care System and

Theater Medical Information Program

Defense Executive Intelligence Notes

DEIN-01-03/DWO, (U) Adversary Capabilities to Counter the RQ-4A Global Hawk

DEIN-02-03/DWO,

(U) Adversary Capabilities to Counter the Distributed Common Ground System-Army

Information Papers

DI-1577-8-03, (U) The Threat to the Warfighter Information Network-Tactical (WIN-T)

DI-1577-10-03, (U) Small Warships and Patrol Craft employing Swarm Tactics

DI-1577-13-03, (U) The Threat to the Combatant Commanders' Integrated Command and Control System (CCIC2S)

DI-1577-15-03, (U) Threats to the Joint Tactical Radio System

DI-1577-18-03, (U) Threats to the Joint Chemical Agent Detector



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Next Steps

- **Complete IO Capstone, 2nd Edition - December 2003**
 - China will be the operational threat environment focus
 - Projected threats will receive continued emphasis for 2008/2013 timeframes
- **Feedback via automated customer feedback forms to assist future focus and content**
- **Third Edition (Jun 04) will focus on North Korea, as well as worldwide technologically feasible and reactive threats**
- **Integrate the efforts of the JIOTWG with the Risk Assessment working groups for the GIG SPO**
- **New tools to support assessment and portrayal of capabilities-based threats to aid decision-making**
 - Near real-time knowledge map

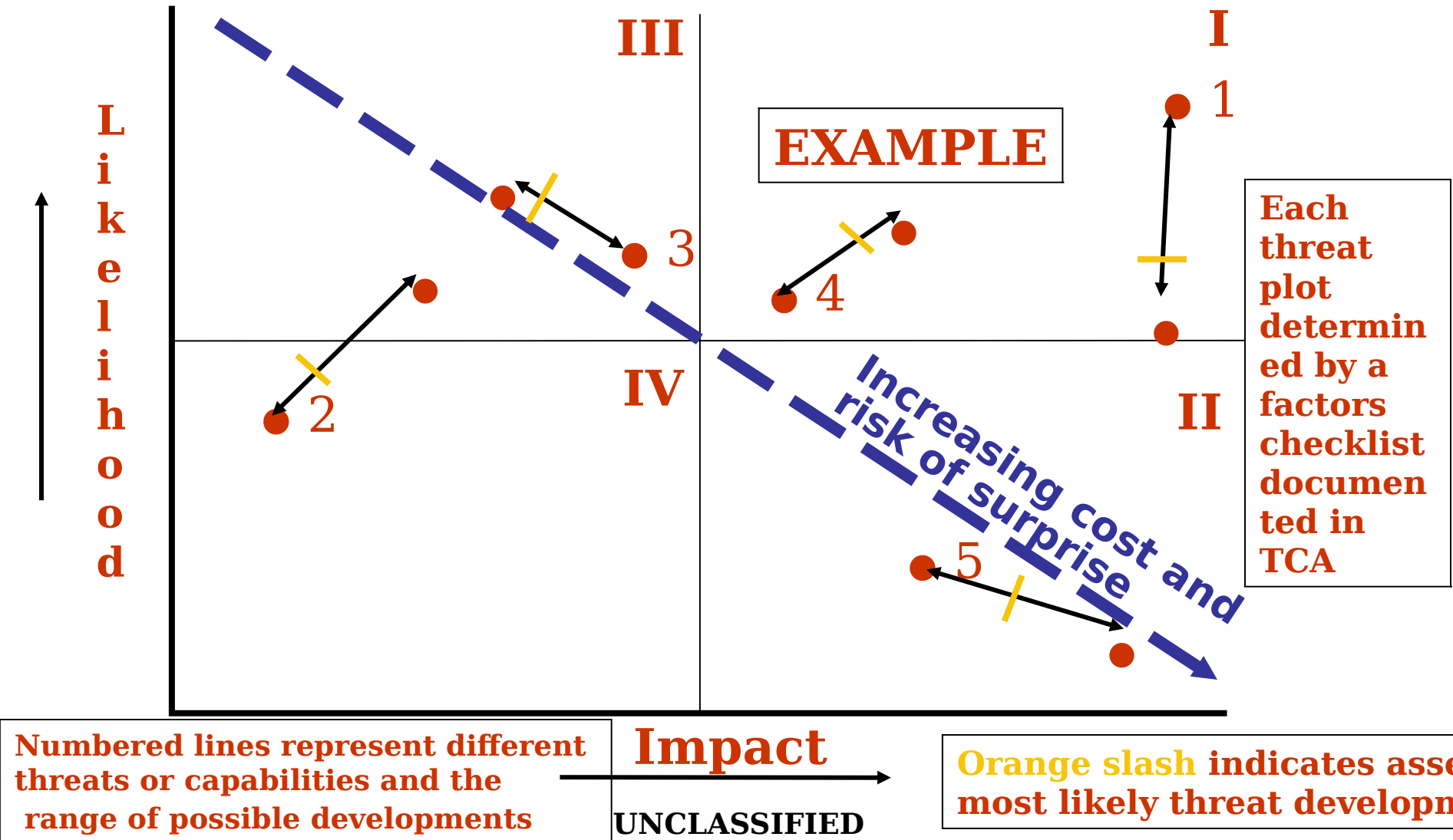
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Graph: Composite Adversary Capabilities

[DoD Capability] [F-22] [FCS] in Taiwan Strait





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